

OPEN-FILE REPORT
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PLATE 41 OF 54

EXPLANATION

OVERBURDEN ISOPACHS--Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m).

MINING RATIO CONTOUR--Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas within the stripping-limit.

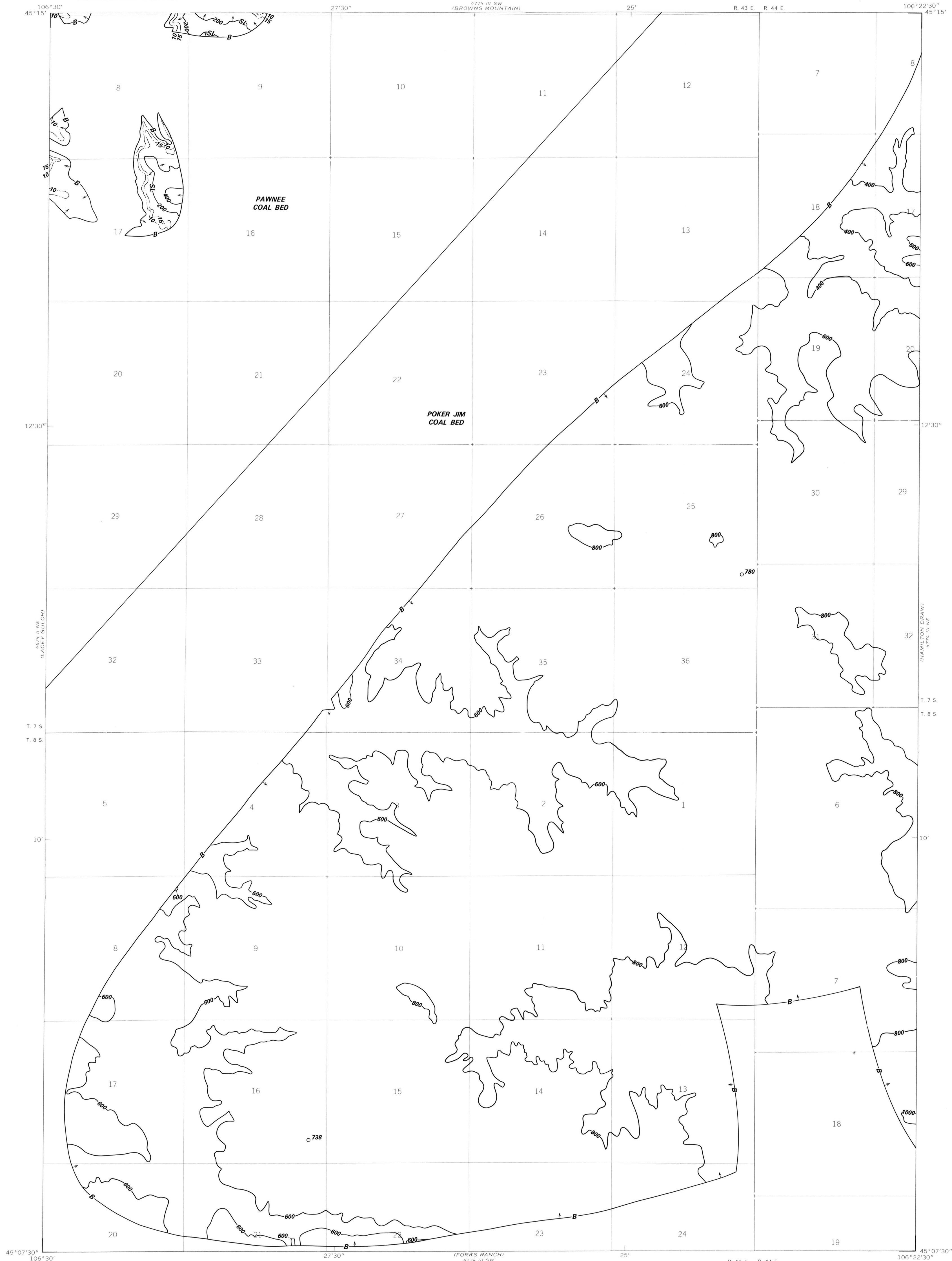
STRIPPING-LIMIT LINE--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining.

BOUNDARY OF RESERVE BASE COAL--Drawn along the outcrop of coal bed or the contact between the burned and unburned coal, the 5-foot (1.5-m) coal isopach, the 1,000-foot (305-m) overburden isopach, and an arc 3 miles (4.8 km) from nearest complete measurement of coal bed. Arrows point toward area of Reserve Base coal.

DRILL HOLE--Showing thickness of overburden, in feet, from the surface to the top of the coal bed.

To convert cubic yards of overburden per short ton of recoverable coal to cubic meters of overburden per metric ton of recoverable coal, multiply by 0.84.

To convert feet to meters, multiply feet by 0.3.



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE
STROUD CREEK QUADRANGLE, ROSEBUD AND BIG HORN COUNTIES, MONTANA

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PLATE 41
ISOPACH OF OVERBURDEN AND
MINING-RATIO OF THE PAWNEE
COAL BED AND ISOPACH OF
OVERBURDEN OF THE POKER
JIM COAL BED